

ECE-345-001 (Fall 2020)


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Review Test Submission: Quiz 5.2

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Course	Intro to Control Systems - Fall 2020 Section Group I67
Test	Quiz 5.2
Started	9/30/20 10:50 AM
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Status	Completed
Attempt Score	3 out of 3 points
Time Elapsed	2 minutes
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 1


1 out of 1 points

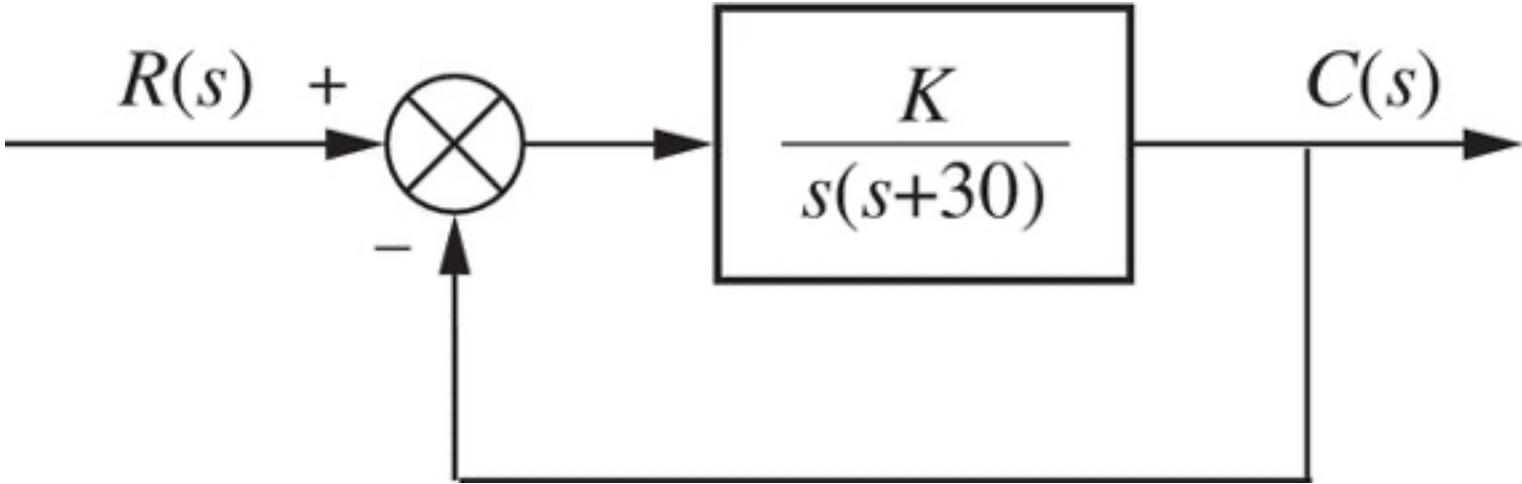
 True or false? Negative unitary form is a type of feedback.

Selected Answer: True

Question 2

1 out of 1 points


 Consider the plant $G(s) = \frac{K}{s(s + 30)}$ under negative unity feedback with gain $K > 0$. Which of the following describes the characteristic equation of the closed-loop system, $\frac{C(s)}{R(s)}$?



Selected Answer:
 $\Delta(s) = s^2 + 30s + K$

Question 3

1 out of 1 points

 True or false? In negative unitary feedback, the proportional gain K scales the error, which is the difference between the input and the output.

Selected Answer: True